

Your ENERGY STAR Copier Can Save Money...

With no added cost, and savings that begin the day you install it, an ENERGY STAR compliant copier is a sound investment. By consuming less energy through the use of the low power mode and auto-off feature, your ENERGY STAR labeled copier can save you money on your utility bill. By duplexing a higher percentage of your copies, you can save money on paper purchases — and indirectly reduce the energy use associated with paper production.

Baseline Assumptions

Machine Speed (copies/minute)	0 - 20	21 - 30	31 - 44	45 - 69	70 - 90	91 +	Total/Average for U.S.
Monthly Copy Volume	1,000	8,000	12,000	20,000	55,000	150,000	40,000
Current Duplex Rate	2%	5%	11%	18%	38%	55%	26%
ENERGY STAR Duplex Rate	10%	25%	50%	67%	75%	90%	60%

Yearly Cost Savings per Copier:

Utility Bill Reductions	\$20	\$60	\$60	\$125	\$125	\$125	\$200 million
Paper Purchase Savings	\$5	\$50	\$150	\$300	\$600	\$1600	\$671 million
Savings on Postage	\$5	\$75	\$225	\$500	\$975	\$2500	\$1 billion
Total Cost Savings	\$30	\$185	\$440	\$925	\$1,700	\$4,225	\$1.9 billion

... and Save the Environment

Annual Energy Savings for Copier Operation

Machine Speed (copies/minute)	0 - 20	21 - 30	31 - 44	45 - 69	70 - 90	91 +	Total/Average for U.S.
Reduction in Energy Use	230 kWh	740 kWh	740 kWh	1,650 kWh	1,650 kWh	1,650 kWh	2.6 billion kWh
Carbon Dioxide Emissions Prevented	465 lb	1,500 lb	1,500 lb	3,300 lb	3,300 lb	3,300 lb	2.4 million tonnes
SO ₂ Emissions Prevented	8.5 ounces	30 ounces	30 ounces	60 ounces	60 ounces	60 ounces	2,700 tonnes
NO _x Emissions Prevented	3.4 ounces	10 ounces	10 ounces	24 ounces	24 ounces	24 ounces	1,100 tonnes
Equivalent Vehicle Miles not Driven	420 miles	1,350 miles	1,350 miles	3,000 miles	3,000 miles	3,000 miles	135,000 cars

Annual Savings from Paper Efficiency Gains

	500 (1 ream)	9,600 (2 cartons)	28,000 (6 cartons)	60,000 (12 cartons)	170,000 (34 cartons)	315,000 (63 cartons)	135 billion (671,000 tons)
Paper Savings (sheets)							
Energy Savings from Paper	8 kWh	150 kWh	450 kWh	1,000 kWh	2,700 kWh	5,000 kWh	2.1 billion kWh
4-Drawer Filing Cabinets	3 thick files	1	2	4	11	20	8.4 million

The tables above illustrate the savings that are possible for specific copier speeds and copying volumes. Partners are encouraged to use the figures as averages for each of the copier model lines. In calculations dependent on the energy savings, the savings and related benefits are calculated for the three ENERGY STAR copier categories.